



COMMONWEALTH OF KENTUCKY  
**KENTUCKY STATE NATURE PRESERVES COMMISSION**

801 SCHENKEL LANE  
FRANKFORT, KENTUCKY 40601-1403  
(502) 573-2886 VOICE  
(502) 573-2355 FAX

March 31, 2000

Julie Bennett  
T.H.E. Engineers Inc.  
131 Prosperous Place  
Suite 15  
Lexington, Ky. 40509

Data Request **00-195**

Dear Ms. Bennett:

This letter is in response to your data request of March 24, 2000 for the I-66 Pulaski County, Kentucky project. We have reviewed our Natural Heritage Program Database to determine if any of the endangered, threatened, or special concern plants and animals or exemplary natural communities monitored by the Kentucky State Nature Preserves Commission occur for an area within the Science Hill, Ky., Delmer, Ky., Bobtown, Ky., and Somerset, Ky., USGS quadrangles. Based on our most current information, we have determined that three occurrences of the plants or animals and one occurrence of the exemplary natural communities that are monitored by KSNPC are reported as occurring in the specified area. It is possible that other KSNPC-monitored species occur in the specified area, particularly those recorded from nearby locations of similar habitat. I am including a list of species known to occur in Pulaski County for your information.

*Corynorhinus rafinesquii* (Rafinesque's Big-Eared Bat, KSNPC threatened) is noted to occur adjacent to your proposed project site. Suitable roost and winter sites include sandstone and limestone caves, rockhouses, cliffhills and abandoned mines. Summer habitats include upland forests, bottomland forests and riparian corridors. In order to avoid impacts to bats, a thorough survey should be conducted. The survey should include a search for potential roost and winter sites, and a mistnetting census at numerous points within the proposed corridor, particularly in preferred summer habitat.

There are several caves in the area of the proposed project. Caves are often associated with



sensitive ecosystems and may provide habitat for a number of rare or endangered species. Cave organisms are heavily dependent on water quality, and steps should be taken to avoid disturbance of the watershed. Because the federal Cave Protection Act calls for the protection of caves, the location is not included in this report. Please contact KSNPC for more information. You should be specifically aware of the presence of a series of caves along Caney Fork north of Somerset. There are likely others.

*Orconectes australis* (A crayfish, KSNPC threatened) has been noted to occur within this area historically. The species inhabits subterranean streams and pools, and is sensitive to changes in water quality as caused by disturbance of the watershed.

Aquatic species and habitats in the area are sensitive to increased turbidity, sediment and other adverse influences on water quality. Our data are not sufficient to guarantee absence of endangered, threatened or sensitive species from the sites of proposed construction disturbance. We recommend that impacted streams be thoroughly surveyed by a qualified biologist prior to any in-stream disturbance.

A Floodplain Ridge/Terrace Forest community is also present adjacent to the project area. This community occurs on level to gently sloping ground of natural levees, floodplain ridges, and terraces. It has deep soil, moderately well drained; generally mesic throughout the year; sometimes subject to flood but usually of short duration. The tree canopy is tall, dense, and closed while the understory is tall and well developed. Ground cover is also well developed and dense and vines are common. Characteristic trees and shrubs include *Acer saccharum*, *Carya cordiformis*, *Juglans nigra*, *Tilia americana*, *Gymnocladus dioica*, *Ulmus americana*, *Liquidambar*, *Asimina triloba*, *Lindera benzoin*, *Aesculus glabra*, *Arundinaria*, *Magnolia acuminata*, *Nyssa sylvatica* and others.

I would like to take this opportunity to remind you of the terms of the data request license, which you agreed upon in order to submit your request. The license agreement states "Data and data products received from the Kentucky State Nature Preserves Commission, including any portion thereof, may not be reproduced in any form or by any means without the express written authorization of the Kentucky State Nature Preserves Commission." The exact location of plants, animals, and natural communities, if released by the Kentucky State Nature Preserves Commission, may not be released in any document or correspondence. These products are provided on a temporary basis for the express project (described above) of the requester, and may not be redistributed, resold or copied without the written permission of the Kentucky State Nature Preserves Commission's Data Manager (801 Schenkel Lane, Frankfort, KY, 40601. Phone: (502) 573-2886).

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many

natural areas in Kentucky have never been thoroughly surveyed, and new plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

We would greatly appreciate receiving any pertinent information obtained as a result of on-site surveys. An Element Occurrence Record short form is included with this response to facilitate the transfer of information about rare species and communities observed during field surveys.

If you have any questions or if I can be of further assistance, please do not hesitate to contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read "Sara Hines".

Sara Hines  
Data Manager

EJB/SGH

Enclosures: Data Report and Interpretation Key  
List of Species from Pulaski County, Kentucky and Interpretation Key  
Endangered, Threatened, and Special Concern Plants and Animals of Kentucky  
Plants and Animals Presumed Extinct or Extirpated from Kentucky  
Monitored Natural Communities of Kentucky  
Element Occurrence Record Short Form

Standard Occurrence Report of  
KSNPC records for the I-86 Pulaski County, Kentucky project.

EOCODE	SNAME	SCOMNAME	BRANK	BRANK	SPROT	USESA	IDENT	LASTOBS	PREC	ECORANK	COUNTY	7.5 MINUTE QUADRANGLE	LAT	LONG	EPA WATERBODY	DIRECTIONS	HABITAT
***Birds																	
ABPBG07010*012* KY	THRYOMANES BEWICKII	BEWICK'S WREN	OS	S3B	S		Y	1991-1985	Q	E	Pulaski	SOMERSET, KY.				SOMEWHERE ON QUADRANGLE OUTSIDE OF CW BLOCK.	BRUSHY AREAS, THICKETS AND SCRUB IN OPEN COUNTRY, OPEN AND RIPARIAN WOODLAND, AND CHAPARRAL, MORE COMMONLY IN ARID RE- GIONS BUT LOCALLY ALSO IN HUMID AREAS (SUBTROPICAL AND TEM- PERATE ZONES) (B&JCOM01NA). FOUND IN COUNTRY TOWNS AND FARMS
***Palustrine Communities																	
CPFOR00005*004* KY	FLOODPLAIN RIDGE/TERRACE FOREST			SI	N			1987-09-01	S	X	Pulaski	SOMERSET, KY.			PITMAN CREEK BASIN		
SENSITIVE ELEMENTS. Locational information for sensitive plants, animals, and natural communities, if released by the Kentucky State Nature Preserves Commission, may not be released in any document or correspondence. Please refer to the Data License Agreement for a full description of rights and restrictions.																	
***Crustaceans																	
ICMAL11010*028* KY	ORCONECTES AUSTRALIS	A CRAYFISH	CI	S2S3	Y		?		S	E	Pulaski	SOMERSET, KY.	CONTACT KSNPC	CONTACT KSNPC		SENSITIVE ELEMENT-CONTACT KSNPC.	SUBTERRANEAN STREAMS AND POOLS (HOBBS 1989).
***Mammals																	
AMACC08020*074* KY	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	G3G4	S3	T		Y	1986-01 24	S	C	Pulaski	SOMERSET, KY.	CONTACT KSNPC	CONTACT KSNPC		SENSITIVE ELEMENT-CONTACT KSNPC.	RAFINESQUE'S BIG-EARED BATS USE A VARIETY OF SITES FOR ROOSTING INCLUDING CAVES, PROTECTED SITES ALONG CLIFFLINES, OLD MINE PORTALS, ABANDONED TUNNELS, CISTERNS, OLD OR SELDOM USED BUILDINGS, ETC. APPARENTLY LESS FREQUENTLY USE TREE CAVITIES.

4 Records Processed.

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Provided to Julie Bennett with T.H.E. Engineers Inc.



KENTUCKY STATE NATURE PRESERVES COMMISSION  
801 SCHENKEL LANE, FRANKFORT, KY 40601-1403  
PHONE: 502-573-2886 - FAX: 502-573-2355  
[www.kynaturepreserves.org](http://www.kynaturepreserves.org)  
[nrepc.ksnpcemail@mail.state.ky.us](mailto:nrepc.ksnpcemail@mail.state.ky.us)

May 30, 2002

Julie Clark  
T.H.E. Engineers  
131 Prosperous Place, Suite 15  
Lexington, KY 40509

Data Request 02-189

Dear Ms. Clark:

This letter is in response to your data request of 5/23/02 for the Northern Somerset Bypass Ecological Survey project. We have reviewed our Natural Heritage Program Database to determine if any mussel species monitored by the Kentucky State Nature Preserves Commission occur in an area of Fishing Creek as shown on the map provided, and the Sulphur Springs Hollow tributary of Fishing Creek. Based on our most current information, we have determined that seven occurrences of the mussels that are monitored by KSNPC are reported as occurring in the Pitman Creek area. No occurrences were found in the area near Fishing Creek. Please see the attached standard occurrence report for more information.

The species found are sensitive to changes in water quality as caused by disturbance of the watershed. The proposed site should be thoroughly surveyed and construction planned carefully in order to avoid disturbance of the species.

I would like to take this opportunity to remind you of the terms of the data request license, which you agreed upon in order to submit your request over the Internet. The license agreement states "Data and data products received from the Kentucky State Nature Preserves Commission, including any portion thereof, may not be reproduced in any form or by any means without the express written authorization of the Kentucky State Nature Preserves Commission." The exact location of plants, animals, and natural communities, if released by the Kentucky State Nature Preserves Commission, may not be released in any document or correspondence. These products are provided on a temporary basis for the express project (described above) of the requester, and may not be redistributed, resold or copied without the written permission of the Kentucky State Nature Preserves Commission's Data Manager (801 Schenkel Lane, Frankfort, KY, 40601. Phone: (502) 573-2886).



Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments. We would greatly appreciate receiving any pertinent information obtained as a result of on-site surveys.

If you have any questions or if I can be of further assistance, please do not hesitate to contact me.

Sincerely,

Sara Hines  
Data Manager

smf/SGH

Enclosures: Data Report and Interpretation Key



Standard Occurrence Report  
Endangered, Threatened, and Special Concern Plants, Animals, and Natural Communities  
Reported for the Northern Somerset Bypass

KSNPC Data Request 02-189

EOCODE	SNAME	SCOMNAME	GRANK	SRANK	SPROT	USES	IDENT	LASTOBS	PREC	ECORANK	COUNTY	7.5 MINUTE QUADRANGLE	LAT	LONG	EPA WATERBODY	DIRECTIONS	HABITAT
IMBIV32010*034*KY	PEGIAS FABULA	LITTLEWING PEARLYMUSSEL	G1	S1	E	LE	Y	1985-05-10	M	X	Pulaski	SOMERSET, KY			PITMAN CREEK BASIN		SMALL TO MEDIUM-SIZE STREAMS WITH COOL WATER. FOUND IN POOLS AND RIFFLES ON AND SOMETIMES BURIED IN SAND AND GRAVEL SUBSTRATE OR UNDER LARGE ROCKS (BOGAN AND PARMALEE 1983, DISTEFANO 1984, HARKER ET AL. 1980, STANSBERY 1976, STARNES AND STARNES 1980, WILS
IMBIV38050*047*KY	PTYCHOBRANCHIUS SUBTENTUM	FLUTED KIDNEYSHELL	G2G3	S1	E	C	Y	1984-09-06	M	X	Pulaski	SOMERSET, KY			PITMAN CREEK BASIN		APPARENTLY PREFERS SMALLER STREAM AND RIVERS WHERE IT OCCUPIES CLEAN SWEEP RUBBLE, GRAVEL, AND SAND SUBSTRATES IN SHALLOW RIFFLES AND SHOALS WITH MODERATE TO SWIFT CURRENT (AHLSTEDT 1984, BOGAN AND PARMALEE 1983). SOMETIMES FOUND BURIED ALONG SIDES OF BOU

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Provided to Julie Clark  
T.H.E. Engineers

Standard Occurrence Report  
Endangered, Threatened, and Special Concern Plants, Animals, and Natural Communities  
Reported for the Northern Somerset Bypass

KSNPC Data Request 02-189

EOCODE	SNAME	SCOMNAME	SRANK	SRANK	SPROT	USES	IDENT	LASTOBS	PREC	TEORANK	COUNTY	7.5 MINUTE QUADRANGLE	LAT	LONG	EPA WATERBODY	DIRECTIONS	HABITAT
IMBIV38050*043*KY	PTYCHOBANCHUS SUBTENTUM	FLUTED KIDNEYSHELL	G2G3	S1	E	C	Y		G	X	Pulaski	BURNSIDE, KY.			LAKE CUMBERLAND, T		APPARENTLY PREFERS SMALLER STREAM AND RIVERS WHERE IT OCCUPIES CLEAN SWEEP RUBBLE, GRAVEL, AND SAND SUBSTRATES IN SHALLOW RIFFLES AND SHOALS WITH MODERATE TO SWIFT CURRENT (AHLSTEDT 1984, BOGAN AND PARMALIEE 1983). SOMETIMES FOUND BURIED ALONG SIDES OF BOU
IMBIV43030*020*KY	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	G2	S1	E		Y	1959-05-17	G	H	Pulaski	SOMERSET, KY.			PITMAN CREEK BASIN		SMALL TO MEDIUM-SIZED STREAMS (GOODRICH AND VAN DER SCHALIE 1944, PARMALEE 1967, STANSBERRY 1976, LAURITSEN 1987), PARMALEE (1967) REPORTED ITS OCCURRENCE ON MUD BUT RELATED THAT SAND OR FINE GRAVEL BEDS IN SHALLOW RUNNING WATER WAS THE PREFERRED HABITAT.

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Provided to Julie Clark  
T.H.E. Engineers



Standard Occurrence Report  
Endangered, Threatened, and Special Concern Plants, Animals, and Natural Communities  
Reported for the Northern Somerset Bypass

KSNPC Data Request 02-189

EOCODE	SNAME	SCOMNAME	BRANK	BRANK	EPROT	USESA	IDENT	LASTOBS	PREC	FORANK	COUNTY	7.5 MINUTE QUADRANGLE	LAT	LONG	EPA WATERBODY	DIRECTIONS	HABITAT
IMBIV43030*012*KY	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	G2	S1	E			1979-10-04	S	X	Pulaski	SOMERSET, KY.			PITMAN CREEK BASIN		SMALL TO MEDIUM-SIZED STREAMS (GOODRICH AND VAN DER SCHALIE 1944, PARMALEE 1967, STANSBERY 1976, LAURITSEN 1987). PARMALEE (1967) REPORTED ITS OCCURRENCE ON MUD BUT RELATED THAT SAND OR FINE GRAVEL BEDS IN SHALLOW RUNNING WATER WAS THE PREFERRED HABITAT.
IMBIV43030*054*KY	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	G2	S1	E	Y		1985-05-10	M	X	Pulaski	SOMERSET, KY.			PITMAN CREEK BASIN		SMALL TO MEDIUM-SIZED STREAMS (GOODRICH AND VAN DER SCHALIE 1944, PARMALEE 1967, STANSBERY 1976, LAURITSEN 1987). PARMALEE (1967) REPORTED ITS OCCURRENCE ON MUD BUT RELATED THAT SAND OR FINE GRAVEL BEDS IN SHALLOW RUNNING WATER WAS THE PREFERRED HABITAT.

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Provided to Julie Clark  
T.H.E. Engineers

Standard Occurrence Report  
Endangered, Threatened, and Special Concern Plants, Animals, and Natural Communities  
Reported for the Northern Somerset Bypass

KSNPC Data Request 02-189

EOCODE	SNAME	SCOMNAME	CRANK	BRANK	SPROT	USESA	IDENT	LASTOBS	PREC	EDRANK	COUNTY	7.5 MINUTE QUADRANGLE	LAT	LONG	EPA WATERBODY	DIRECTIONS	HABITAT
IMBIV43030*013*KY	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	G2	S1	F			1987-05-04	S	X	Pulaski	SOMERSET, KY.			PITMAN CREEK BASIN		SMALL TO MEDIUM-SIZED STREAMS (GOODRICH AND VAN DER SCHALIE 1944, PARMALEE 1967, STANSBERY 1976, LAURITSEN 1987). PARMALEE (1967) REPORTED ITS OCCURRENCE ON MUD BUT RELATED THAT SAND OR FINE GRAVEL BEDS IN SHALLOW RUNNING WATER WAS THE PREFERRED HABITAT.

7 Records Processed.

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Provided to Julie Clark  
T.H.E. Engineers



# United States Department of the Interior

## FISH AND WILDLIFE SERVICE

446 Neal Street  
Cookeville, TN 38501

April 19, 2000

Ms. Julie Bennett  
Biologist  
T.H.E. Engineers, Inc.  
131 Prosperous Place, Suite 15  
Lexington, Kentucky 40509

Dear Ms. Bennett:

Thank you for your letter and enclosures of March 20, 2000, concerning the proposed construction of Interstate 66 from the Cumberland Parkway west of Somerset to KY-80 east of Somerset in Pulaski County, Kentucky. The Fish and Wildlife Service (Service) has reviewed the information submitted and offers the following comments.

Endangered species collection records available to the Service indicate that the following federally listed species may occur within the project impact area:

Indiana bat - Myotis sodalis  
Gray bat - Myotis grisescens  
Little-winged pearly mussel - Pegias fabula

You should assess potential impacts and determine if the proposed work may affect these species. A "may affect" finding could necessitate initiation of formal consultation with this office by the lead federal agency or its agent, and our subsequent issuance of a biological opinion.

Your concern for the protection of endangered species is appreciated. If you have questions regarding this information, or if we can be of further assistance, please contact Timothy Merritt of my staff at 931/528-6481, ext. 211, or via e-mail at [timothy\\_merritt@fws.gov](mailto:timothy_merritt@fws.gov).


Sincerely,

Lee A. Barclay, Ph.D.  
Field Supervisor

May 30, 2002

**FAX TRANSMITTAL**

To: Julie Clark, T.H.E. Engineers, Inc., (859) 263-9808

From: Rob Tawes, USFWS, (931) 528-7075 

Re: Project Recoordination; Northern Somerset Bypass, Kentucky

1. Item # 8-59.20  
Pulaski County  
FWS# 02-1673  
Construction of northern Somerset Bypass  
**No new federally listed, candidate, or proposed species occurrences known  
from project area since April 19, 2000 letter**

FISH & WILDLIFE COMMISSION

Mike Boatwright, Paducah  
Tom Baker, Bowling Green  
Allen K. Gailor, Louisville  
Charles E. Bale, Hodgenville  
Dr. James R. Rich, Taylor Mill  
Ben Frank Brown, Richmond  
Doug Hensley, Hazard  
Dr. Robert C. Webb, Grayson  
David H. Godby, Somerset



COMMONWEALTH OF KENTUCKY  
DEPARTMENT OF FISH AND WILDLIFE RESOURCES  
C. THOMAS BENNETT, COMMISSIONER

April 11, 2000

Julie Bennett  
T.H.E. Engineers  
131 Prosperous Place, Suite 15  
Lexington, KY 40509

RE: Threatened/endangered species review for Construction of I-66, Item Number 8-59.10,  
Pulaski County, Kentucky 2

Dear Ms. Bennett:

The Kentucky Department of Fish and Wildlife Resources (KDFWR) has received your request for the above-referenced information. The Kentucky Fish and Wildlife Information System indicates that the federally endangered Gray bat is known to occur in the Bobtown, Delmer, Science Hill, and Somerset 7.5 minute USGS quadrangles. Please be aware that our database system is a dynamic one that only represents our current knowledge of the various species distributions.

Based on this information, KDFWR makes the following recommendations.

In quadrangles in which gray bats are known to occur, any cave entrances that exist within the project area (i.e. the right-of-way and regeneration sites) should be surveyed for potential use by gray bats. Because gray bats are cave residents year-round and maternity colonies are generally found in close proximity to rivers, streams and lakes, any caves within the project area could offer potentially valuable habitat to resident gray bats. If a bat survey is necessary, please contact this office at (502) 564-7109 or the US Fish and Wildlife Service office at (931) 528-6481 for information on how to proceed.

The KDFWR recommends that you contact the appropriate US Corps of Engineers office (Louisville COE (502) 582-5452, Nashville COE (615) 736-5181) and the Kentucky Natural Resources and Environmental Protection Cabinet, Division of Water (502) 564-3410 prior to any excavation within the waterways of Kentucky. Additionally, KDFWR recommends the following for the portions of the project that cross intermittent or perennial streams:

1. Development/excavation during a low flow period to minimize disturbance;
2. Proper placement of erosion control structures below highly disturbed areas to minimize entry of silt to the stream;
3. Replanting of disturbed areas after construction, including stream banks and right-of-ways, with native vegetation for soil stabilization and enhancement of fish and wildlife populations;
4. Return all disturbed instream habitat to its original condition upon completion of construction in the area;
5. Preservation of any tree canopy overhanging the stream;
6. Return all right-of-ways to original elevation.



Page Two  
Julie Bennett  
April 11, 2000

I hope this information proves useful to you. If you have any questions or require additional comment, please call me at the above listed number, extension 366.

Sincerely,

A handwritten signature in black ink, reading "Marla T. Barbour". The signature is fluid and cursive, with a long horizontal line extending from the end of the name.

Marla T. Barbour  
Fisheries Biologist III

cc: Environmental Section File

---

## Federally Listed T&E Species Reported from SOMERSET Quadrangle

Common Name	Scientific Name	Status Code	Reference
gray bat	Myotis grisescens A. H. Howell, 1909	223, 101, 601	

This list was created through the Kentucky Fish and Wildlife Information System.



Education, Arts and Humanities Cabinet

## KENTUCKY HERITAGE COUNCIL

The State Historic Preservation Office

Paul E. Patton  
Governor  
Marlene M. Helm  
Cabinet Secretary

David L. Morgan  
Executive Director and  
SHPO

October 8, 2002

Mr. David M. Waldner, Director  
Division of Environmental Analysis  
Kentucky Transportation Cabinet  
125 Holmes Street  
Frankfort, KY 40622

**Re: A Cultural Resource Survey for the Somerset Northern Bypass from KY 80 to the  
Cumberland Parkway in Pulaski County, Kentucky. (Item No. 8-59.10)**

2

Dear Mr. Waldner:

The State Historic Preservation Office has received for review and approval the above referenced cultural historic survey completed by Helen Powell of H. Powell and Company. We concur that Site 1, Site 2, Site 3, Site 4, Site 5, Site 6, Site 8, Site 9, Site 10, Site 11, Site 12, Site 13, Site 14, Site 15, Site 16, Site 17, Site 18, Site 19, Site 20, Site 21, Site 22, Site 23, Site 24, Site 25, Site 26, Site 27, Site 28, Site 29, Site 30, Site 31, Site 32, Site 33, Site 34, Site 35, Site 36, Site 37, Site 38, Site 39, Site 40, Site 41, Site 42, Site 43, Site 44, Site 47, Site 48, Site 49, Site 50, Site 51, Site 52, Site 53, Site 54, Site 55, Site 56, Site 57, Site 58, Site 59, Site 60, Site 61, Site 62, Site 63, Site 64, Site 65, Site 66, Site 67, Site 68, Site 69, Site 70, Site 71, Site 72, Site 73, Site 74, Site 75, Site 76, Site 77, Site 79, Site 80, Site 81, Site 82, Site 84, Site 85, Site 86, Site 87, Site 88, Site 89, Site 90, Site 91, Site 92, and Site 93 are not eligible for listing on the National Register individually or within the context of a historic district.

We are in disagreement, however, with the determination that Site 7, Site 45, Site 46, Site 78, and Site 83 are ineligible for listing. Site 7, Site 45, Site 46, and Site 83 will not be impacted by this project and further review is not necessary. However, Site 78 will be impacted by the Northern Alternate and will experience an adverse effect. It is requested, therefore, that the Northern Alternate not be chosen as the preferred alignment. Should you have any questions, please feel free to contact Craig Potts of my staff at (502) 564-7005 ext. 121.

Sincerely,

A handwritten signature in dark ink, appearing to read "David L. Morgan".

David L. Morgan, Director  
Kentucky Heritage Council and  
State Historic Preservation Officer

B-4-a







Commonwealth of Kentucky  
**Transportation Cabinet**  
Frankfort, Kentucky 40622

James C. Codell, III  
Secretary of Transportation

Clifford C. Linkes, P.E.  
Deputy Secretary

November 8, 2002

Mr. Greg Michaud  
Environmental Services Manager  
Johnson, Depp & Quisenberry  
2417 Regency Road - Suite D  
Lexington, Kentucky 40503

Dear Mr. Michaud:

SUBJECT: A Cultural Resource Survey For The Somerset Northern  
Bypass From KY 80 To The Cumberland Parkway  
Pulaski County, Kentucky  
Item No 8-59.2 (Please note the change in the Item No from 8-59.10)

We have received notification from the State Historic Preservation Officer (SHPO) on the above subject project and have attached the SHPO letter for your review. The SHPO concurs that Sites 1-6, 8-44, 47-77, 79-82, 84-93 are not eligible for the National Register. However, the SHPO disagrees that Sites 7, 45, 46, 78 and 83 are not eligible. The project will have no effect on all sites except for Site 78. However, after a conversation with Craig Potts of the Kentucky Heritage Council, Cathi Blair of District 8 and Rebecca Turner of my staff, the boundary for Site 78 should be the footprint of the dwelling found in Site 78 (See attached e-mail dated November 8, 2002). Therefore, the project will have no effect on any of the above sites.

If you have any questions please contact Rebecca Turner or me at 502-564-7250.

Very truly yours,

A handwritten signature in black ink, appearing to read "David M. Waldner".

David M. Waldner, P.E., Director  
Division of Environmental Analysis

c w/a: K. Sperry, P. Rawlings, D. Harmon, R.H. Turner, D-8 (D. Beattie, C. Blair), FHWA ,  
H. Powell and Company



KENTUCKY TRANSPORTATION CABINET  
"PROVIDE A SAFE, EFFICIENT, ENVIRONMENTALLY SOUND, AND FISCALLY RESPONSIBLE TRANSPORTATION SYSTEM  
WHICH PROMOTES ECONOMIC GROWTH AND ENHANCES THE QUALITY OF LIFE IN KENTUCKY"  
"AN EQUAL OPPORTUNITY EMPLOYER M/F/D"

B-4-b



Education, Arts and Humanities Cabinet

**KENTUCKY HERITAGE COUNCIL**

The State Historic Preservation Office

**Paul E. Patton**

Governor

**Marlene M. Helm**

Cabinet Secretary

**David L. Morgan**

Executive Director and

SHPO

November 12, 2002

Mr. David M. Waldner, Director  
Division of Environmental Analysis  
Kentucky Transportation Cabinet  
125 Holmes Street  
Frankfort, KY 40622

**Re: Somerset Northern Bypass Project; Assessment of Appropriate Boundaries  
for Site 78 (Cumberland House), Pulaski County, Kentucky. (Item No. 8-59.2)**

Dear Mr. Waldner:

The State Historic Preservation Office has received for review and approval the boundary assessment for Site 78 identified within the above referenced project's Cultural Historic Survey. We concur that the house and portions of the surrounding yard will serve as an appropriate boundary. The significance of this resource is tied to its vernacular style (a very good, intact example of the Cumberland house form) and excludes larger land areas. Should you have any questions regarding these comments, please do not hesitate to contact Tom Sanders or Craig Potts of my staff at (502) 564-7005.

Sincerely,

A handwritten signature in black ink, appearing to read "Dad L. Morgan".

David L. Morgan, Director  
Kentucky Heritage Council and  
State Historic Preservation Officer